INDEX

Volume 41—1985

Main Articles

Intermittent Lighting for Laying Fowls: A Review—K. W Rowalnd 5
The Effect of Selelection and Genetic Factors on Resistance to Disease in Fowls—A Review—W. Hartmann 20
Immunological Responses as Indicators of Stress—H. S. Siegel 36
Stress and the Domestic Fowl: Physiological Factors Fantasy?—B. M. Freeman . . 45
Essentiality of Vitamin D_3 and its Metabolites in Poultry Nutrition: A Review—S. Ameenuddin, M. L. Sunde and M. E. Cook 52
Estimations of Amino Acid Digestibility and Availability in Feedstuffs for Poultry—M. C. Papadopoulos. 64
A Review of the Efficacy and Mechanism of Competitive Exclusion for the Control of Salmonella in Poultry—J. H. Schleifer . 72
Probiotics in Poultry Nutrition—A Review—M. J. M. A. Jernigan, R. D. Miles and A. S. Araja 99
Stimulation of Adrenals during the Critical Periods of Development and Production in Fowls—Anna Ja. Avrutina, Irina L. Galpern and S. M. Kisljute 108
Colostomy of the Fowl—J. G. Dingle and J. M. McNab 115
Genetic Manipution of the Domestic Fowl—A Review—B. M. Freeman and L. I. Messer 124
Biological Conversion of Poultry and Animal Waste to a Feedstuff for Poultry—A. R. El. Boushy, G. J. Klassen and E. H. Ketalaars 133
Light and Production Performance in Turkeys—R. A. Singh 146
Random Sample Poultry Tests—Their Development and Present Status in European Countries—W. Hartmann . 153
The True Metabolizable Energy Bioassay as a Method for Estimating Bioavailable Energy in Poultry Feedingstuffs—I. R. Sibbald 179
Battery Cages and the Deep Litter System for the Management of Domestic Laying Fowls: the Problem of Inconsistent Results—R. A. Mrode and J. O. Akinokun 188
Ionophorus anticoccidial Drugs in Coccidiosis Control—W. W. Braunius . 198
An Epidemiological Investigation into Coccidiosis and Drug Resistance in Broiler Chickens—Nicole Hamet, J. Jose, B. Robin and L. Toucas 210
Gordon Memorial Lecture: People, Poutry and Pathogenic Mycoplasmas—F. T. W. Jordan 226
Variables in Broiler Production and Processing in the U.S.A. Which Influence Yields and Nutrient Composition of Carcasses Sold at the Retail Level—Robert C. Post 240
Mineral Requirements for Poultry—Mineral Requirements and Recommendations for Growing Birds—Sub-committee on Mineral Requirements for Poultry of the Working Group No 2—Nutrition—of the European Federation of Branches of the WPSA . 252

Association News

Minutes of Council and General Assembly at Helsinki 84
Minutes of 17th Meeting of the Executive Committee, Helsinki 86
Revisions of the Constitution 87
Sven Brohult Award, 1984 88
Minutes of the 18th Meeting of the Executive Committee at Las Vegas including Reports of the Secretary, Treasurer and Editor/Production Manager for 1984 . . . 160
World's Poultry Science Association Constitution (Revised August 1984) . . 259

Branch News

List of Branches and Branch Secretaries 4, 98, 178
Israel Branch 89
German (Federal) Branch 90
Indian Branch 169
Lebanese Branch. 169
Polish Branch 169
U.K. Branch 169
Canada Branch 263

European Federation News

Working Group No. 2 (Nutrition) Report of 16th meeting. 90
Working Group No. 9 (Poultry Welfare) . 91
Arrangements for 2nd European Symposium 91
Minutes of the 27th Meeting of the Executive Committee, Helsinki 170
Minutes of the 28th Meeting of the Executive Committee, Veyle 171
Working Group No. 3 (Breeding/Genetics)—Report for 1984 173
Minutes of the 28th Meeting of the Federation Executive Committee, Denmark . . 263
Report of the First Meeting of Working Group No. 11 265

Book Reviews

Diseases of Poultry—Hofstad *et al* . . 92
International Registry of Poultry Genetic Stocks 92
Modern Methods of food Analysis . . 92
Jahrbuch für die Geflügelsirtschaft 1985 . 93
Manual of Quantitative Genetics. . . 93
Birds: Their Structure and Function . . 174
Deutsches Rassegeflügel Standard . . 175
Fats in Animal Nutrition, 1984 . . . 175
Advances in Meat Research, Volume 1: Electrical Stimulation 175
Poultry Science and Production . . 267

Obituary

Mr George A. Nicholas 94
Index, Volume 40, 1984 95
Notes for Contributors 96, 268
Appeal from the Editor 96

Printed at Papworth's Pendragon Press, Papworth Everard, Cambridge

INDEX

Volume 41—1985

Main Articles

Intermittent Lighting for Laying Fowls: A Review—K. W Rowalnd 5
The Effect of Selelection and Genetic Factors on Resistance to Disease in Fowls—A Review—W. Hartmann 20
Immunological Responses as Indicators of Stress—H. S. Siegel 36
Stress and the Domestic Fowl: Physiological Factors Fantasy?—B. M. Freeman . . 45
Essentiality of Vitamin D_3 and its Metabolites in Poultry Nutrition: A Review—S. Ameenuddin, M. L. Sunde and M. E. Cook 52
Estimations of Amino Acid Digestibility and Availability in Feedstuffs for Poultry—M. C. Papadopoulos. 64
A Review of the Efficacy and Mechanism of Competitive Exclusion for the Control of Salmonella in Poultry—J. H. Schleifer . 72
Probiotics in Poultry Nutrition—A Review—M. J. M. A. Jernigan, R. D. Miles and A. S. Araja 99
Stimulation of Adrenals during the Critical Periods of Development and Production in Fowls—Anna Ja. Avrutina, Irina L. Galpern and S. M. Kisljute 108
Colostomy of the Fowl—J. G. Dingle and J. M. McNab 115
Genetic Manipution of the Domestic Fowl—A Review—B. M. Freeman and L. I. Messer 124
Biological Conversion of Poultry and Animal Waste to a Feedstuff for Poultry—A. R. El. Boushy, G. J. Klassen and E. H. Ketalaars 133
Light and Production Performance in Turkeys—R. A. Singh 146
Random Sample Poultry Tests—Their Development and Present Status in European Countries—W. Hartmann . 153
The True Metabolizable Energy Bioassay as a Method for Estimating Bioavailable Energy in Poultry Feedingstuffs—I. R. Sibbald 179
Battery Cages and the Deep Litter System for the Management of Domestic Laying Fowls: the Problem of Inconsistent Results—R. A. Mrode and J. O. Akinokun 188
Ionophorus anticoccidial Drugs in Coccidiosis Control—W. W. Braunius . 198
An Epidemiological Investigation into Coccidiosis and Drug Resistance in Broiler Chickens—Nicole Hamet, J. Jose, B. Robin and L. Toucas 210
Gordon Memorial Lecture: People, Poutry and Pathogenic Mycoplasmas—F. T. W. Jordan 226
Variables in Broiler Production and Processing in the U.S.A. Which Influence Yields and Nutrient Composition of Carcasses Sold at the Retail Level—Robert C. Post 240
Mineral Requirements for Poultry—Mineral Requirements and Recommendations for Growing Birds—Sub-committee on Mineral Requirements for Poultry of the Working Group No 2—Nutrition—of the European Federation of Branches of the WPSA . 252

Association News

Minutes of Council and General Assembly at Helsinki 84
Minutes of 17th Meeting of the Executive Committee, Helsinki 86
Revisions of the Constitution 87
Sven Brohult Award, 1984 88
Minutes of the 18th Meeting of the Executive Committee at Las Vegas including Reports of the Secretary, Treasurer and Editor/Production Manager for 1984 . . . 160
World's Poultry Science Association Constitution (Revised August 1984) . . 259

Branch News

List of Branches and Branch Secretaries 4, 98, 178
Israel Branch 89
German (Federal) Branch 90
Indian Branch 169
Lebanese Branch. 169
Polish Branch 169
U.K. Branch 169
Canada Branch 263

European Federation News

Working Group No. 2 (Nutrition) Report of 16th meeting. 90
Working Group No. 9 (Poultry Welfare) . 91
Arrangements for 2nd European Symposium 91
Minutes of the 27th Meeting of the Executive Committee, Helsinki 170
Minutes of the 28th Meeting of the Executive Committee, Veyle 171
Working Group No. 3 (Breeding/Genetics)—Report for 1984 173
Minutes of the 28th Meeting of the Federation Executive Committee, Denmark . . 263
Report of the First Meeting of Working Group No. 11 265

Book Reviews

Diseases of Poultry—Hofstad *et al* . . 92
International Registry of Poultry Genetic Stocks 92
Modern Methods of food Analysis . . 92
Jahrbuch für die Geflügelsirtschaft 1985 . 93
Manual of Quantitative Genetics. . . 93
Birds: Their Structure and Function . . 174
Deutsches Rassegeflügel Standard . . 175
Fats in Animal Nutrition, 1984 . . . 175
Advances in Meat Research, Volume 1: Electrical Stimulation 175
Poultry Science and Production . . 267

Obituary

Mr George A. Nicholas 94
Index, Volume 40, 1984 95
Notes for Contributors 96, 268
Appeal from the Editor 96

Printed at Papworth's Pendragon Press, Papworth Everard, Cambridge